

# David Garcia

San Antonio, TX  
davidgarcia.22@yahoo.com

## Languages

Proficient: Python, Java, Html. Intermediate: C, JavaScript, SQL, Linux.

## Experience/Skills

Machine Learning, AI, Data Science, Applications, Problem Solving, Critical Thinking, Neural Networks, Data Structures, Algorithm Design and Analysis, Highly Adaptable, Collaboration, Time Management, Coachable, Leadership and Mentoring, Databases, Software Engineering.

## Education

January 2022 - Graduation Date: Dec 2024

### **University of Texas at San Antonio** – *Computer Science*

Courses: Programming, Data Structures, Analysis of Algorithms, Systems and Application Programming, Computer Architecture, Data Science.

College Participation: Association for Computing Machinery, Hackathons, Community Volunteering.

School Team Projects: In a team of 4 create an X/twitter social media clone, In a team of 2 design and write data structures algorithms for real life use cases.

June 2019 - December 2020

### **Austin Community College** – *Basics/Computer Science*

## Projects: GitHub – [github.com](https://github.com)

# [Project Y](#): Java, HTML

Full Stack development In a Team of 4 build and deploy a social media android application twitter clone, implements android and Firebase for database handling.

# [DigitRecognition](#): Python

Personal learning project. Using modules and optimized libraries created a Neural Network learning model for handwritten digit recognition using an imported kaggle data set.

# [NeuralNetworkDigits](#): Python

Personal learning project. Created a Neural Network learning model using no modules or libraries to see how impactful the LLM's baseline compares to an optimized library. Ability to tweak alpha and bias values increased success rate by 10%

# [SnakeGameAI](#): Python

Personal learning project. Using a Deep Q learning iterative training loop created a game that trains an AI model to play the game correctly. Each iteration the impact of the learning model increased the games success rate by 15% till around a baseline of 80%.

## Experience

Nov 2012- Nov 2017

### **United States Air Force, Langley- *F22, F35, B2 Stealth Fighter Mechanic***

- Leading a team of up to 5 airmen or solo for quick flight line repairs for 25 plus aircraft each totaling over 200 million. Execute regulatory and nonregulatory maintenance on the Stealth Fighters Internals or Externals, using engineering drawings or written technical orders.
- Quality Control Inspections of Aircrafts Airframe and Stealth components, to ensure Aircraft is undamaged and in constant Mission Ready Status using physical or technical diagnostic tools.
- Work in tandem with engineering to provide expert modifications to the Aircraft for systems upgrades or unique damage repairs. Provide boots on the ground insight and communication to engineers on job or Aircraft status.

Mar 2018 - Mar 2020

### **Best Buy, Austin, TX - *Customer Service Representative***

- Supports overall organization, District/Store Operations as well as sales and customer retention goals. Stayed 9% above standard sales and financing goal rate.
- Responsible for friendly, and accurate processing of returns, exchanges, financing, service requests, and defective products.
- Works to resolve customer service issues and promote new and used technologies to technical or non-technical customers efficiently and accurately.

Feb 2021 - Feb 2022

### **Boeing Co, San Antonio, TX - *VC25B Structures Mechanic***

- In a highly secure, private environment; maintain, design, inspect Executive fleet Aircraft 747s and E4Bs. Hired on to the 4 Billion dollar Boeing project on assisting the build of 2 VC25B aircrafts.
- Read and interpret engineering instructions, technical orders, and aircraft drawings. Use complex mechanical and technical tooling and software to diagnose and problem solve issues for current or future repairs.